

ABSTRACT

A portable pressurized gas delivery system with impact protection includes a pressure regulator device comprised of a shut-off valve/refill portion, a pressure regulation portion and a flow control portion. The pressure regulator device is attached via a mating machine threaded portion to a high pressure gas vessel or tank. An adapter or flange washer is situated between the regulator device and tank. A u-shaped handle is attached to the flange washer and extends along side and beyond the height of the gas pressure regulator. A circular ring is transversely attached to the u-shaped handle and situated to surround the regulator device thereby providing impact protection from all directions for the gas pressure regulator device. The pressure regulator device and flange washer include mechanical alignment mechanisms so that angular alignment of the devices is established.